

Claims

What is claimed is:

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1) A cable bundling device comprising:

a flexible arcuate strap portion, said strap portion having a first end and a second end, and an inner surface and an outer surface, said outer surface forming a perimeter of said flexible arcuate strap portion, wherein said first and second ends form a discontinuity
10 in said perimeter of said arcuate strap portion, and wherein said inner surface forms a cavity;

a retainer, said retainer being joined to said arcuate strap portion;

first and second finger grips, said first finger grip being located adjacent to said first end, and said second finger grip being located adjacent to said second end; wherein
15 said first and second finger grips allow interposition of a finger between said flexible arcuate strap portion and said finger grip, wherein said first and second ends substantially abut each other when said flexible arcuate strap portion is in a relaxed state.

2) The cable bundling device of claim 1, wherein said retainer is

20 mechanically joined to said arcuate strap portion.

3) The cable bundling device of claim 1, wherein said retainer is bonded to said arcuate strap portion.

4) The cable bundling device of claim 1, wherein said retainer is removeably
5 connected to said arcuate strap portion.

5) The cable bundling device of claim 4, wherein said retainer is removeably connected to said arcuate strap portion by a connector portion, said connector portion comprising a channel and a tongue, said tongue being retained in said channel when said
10 tongue is inserted into said channel.

6) The cable bundling device of claim 5, wherein the channel is formed in the arcuate strap portion.

15 7) The cable bundling device of claim 5, further comprising a detent formed to assist retention of the tongue within the channel when the tongue is positioned within said channel.

8) The cable bundling device of claim 7, wherein said detent comprises a
20 protrusion on a surface of the channel, and a recess on a surface of the tongue, wherein said protrusion extends into said recess when said tongue is inserted into said channel.

9) The cable bundling device of claim 7, wherein said detent comprises a protrusion on a surface of the tongue, and a recess on a surface of the channel, wherein said protrusion extends into said recess when said tongue is inserted into said channel.

5 10) A cable bundling device according to claim 1, wherein said finger grips are removeably connected to said arcuate strap portion.

11) A cable bundling device comprising:

a plurality of flexible arcuate strap portions, said strap portions each having a first
10 end and a second end, and an inner surface and an outer surface, said outer surface forming a perimeter of said flexible arcuate strap portion, wherein said first and second ends form a discontinuity in said perimeter of said arcuate strap portion, and wherein said inner surface forms a cavity;

first and second finger grips attached to each of said flexible arcuate strap
15 portions, wherein said first finger grips are located adjacent to said first end, and said second finger grip are located adjacent to said second end; wherein said first and second finger grips allow interposition of a finger between said flexible arcuate strap portion and said finger grip, wherein said first and second ends of each flexible arcuate strap portion substantially abut each other when said flexible arcuate strap portion is in a relaxed state;
20 and

a joiner, said joiner being engageable to said arcuate strap portions to join said plurality of flexible arcuate strap portions to each other.

12) A cable bundling device according to claim 11, wherein said joiner is engageable to said flexible arcuate strap portions via a plurality of means for removeably engaging the joiner to said flexible arcuate strap portions.

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13) A cable bundling device according to claim 12, where said means for removeably engaging the joiner to said flexible arcuate strap portion comprises a channel and a tongue, said tongue being retained in said channel when said tongue is inserted into said channel.

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14) The cable bundling device of claim 13, wherein the channel is formed in the arcuate strap portion, and the tongue is formed on said joiner.

15) The cable bundling device of claim 13, further comprising a detent formed to assist retention of the tongue within the channel when the tongue is positioned within said channel.

16) The cable bundling device of claim 15, wherein said detent comprises a protrusion on a surface of the channel, and a recess on a surface of the tongue, wherein said protrusion extends into said recess when said tongue is inserted into said channel.

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17) The cable bundling device of claim 15, wherein said detent comprises a protrusion on a surface of the tongue, and a recess on a surface of the channel, wherein said protrusion extends into said recess when said tongue is inserted into said channel.

5 18) The cable bundling device of claim 11, wherein said joiner allows three flexible arcuate strap portions to be selectively joined.

19) The cable bundling device of claim 11, wherein said joiner allows four flexible arcuate strap portions to be selectively joined.

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20) A cable bundling device comprising:

a plurality of flexible arcuate strap portions, said strap portions each having a first end and a second end, and an inner surface and an outer surface, said outer surface forming a perimeter of said flexible arcuate strap portion, wherein said first and second ends form a discontinuity in said perimeter of said arcuate strap portion, and wherein said inner surface forms a cavity;

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first and second finger grips attached to each of said flexible arcuate strap portions, wherein said first finger grips are located adjacent to said first end, and said second finger grip are located adjacent to said second end; wherein said first and second finger grips allow interposition of a finger between said flexible arcuate strap portion and said finger grip, wherein said first and second ends of each flexible arcuate strap portion

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substantially abut each other when said flexible arcuate strap portion is in a relaxed state;

and

a retainer, said retainer being engageable to said arcuate strap portion via a means for joining the retainer to the flexible arcuate strap portion.

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